

BlueChart[®] user's guide



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WARNING: The tide and current predictions derived from this software are not to replace the Canadian Tide and Current Tables, which are required under the Charts and Nautical Publications Regulations of the Canada Shipping Act and which must be used for navigation within Canadian waters. Official Canadian Tide and Current Tables may be obtained from the following location:

Chart Distribution Office
Canadian Hydrographic Service
Department of Fisheries and Oceans
Institute of Ocean Sciences, Patricia Bay
P.O. Box 6000, 9860 West Saanich Road
Sidney, British Columbia, V8L 4B2
Tel: (250) 363-6358; Fax: (250) 363-6841
E-mail: chartsales@pac.dfo-mpo.gc.ca
Web: <http://www.charts.gc.ca>

Tide and current predictions derived from this software may not be used commercially without a license from the Canadian Hydrographic Service, Department of Fisheries and Oceans. Please contact the Chart Distribution Office at the above address for more information.

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PREFACE

Terminology

This guide uses the following terminology:

- **Card**—Garmin data card and microSD™ card.
- **Garmin unit**—Garmin GPS unit and Garmin chartplotter.

Warranty Information

Examine your preprogrammed BlueChart card or MapSource BlueChart disk for damage immediately upon receipt. Garmin accepts returned cards within 10 days of the purchase date, if the card is found to be defective. Garmin accepts and replaces opened MapSource BlueChart disks within 10 days of purchase for defective software. Garmin does not refund or exchange opened software for reasons other than defect.

Product Registration

Help us better support you by completing our online registration today! Why should you register? By registering your purchase you are assured of notification of product updates or information about new products.

Preprogrammed BlueChart Cards

Have the ID code of your preprogrammed BlueChart card handy, and connect to Garmin's Web site at <http://www.garmin.com>. (See [page 14](#) of this guide for information about the ID code.)

From the [Garmin home page](#), click on **Product Registration** on the left side of the page. Select **Data Card (Pre-Programmed)**, and click on **Next**. Select **BlueChart Data Card** from the drop-down list, and click on **Next**. Complete the contact information, and then click on **Next** to complete the registration.

MapSource BlueChart Software

See [page 4](#) for information about unlocking MapSource BlueChart disks.

Contact Garmin

If you encounter any difficulty while using BlueChart, or if you have any questions, in the U.S.A. contact Garmin Product Support by phone: 913/397.8200 or 800/800.1020, Monday–Friday, 8 AM–5 PM Central Time; or go to www.garmin.com/contactUs, and click on **Technical Product Support**; or send an e-mail to cartography@garmin.com.

In Europe, contact Garmin (Europe) Ltd. at 44/0870.8501241.

INTRODUCTION

BlueChart is Garmin's exclusive marine cartography, which works with compatible Garmin units. BlueChart's detailed electronic nautical charts look like paper charts when displayed on your Garmin unit or on your PC. BlueChart data is available in three formats:

Preprogrammed Garmin data card or microSD™ card—contains detailed maps based on map coverage regions. Garmin cards work only with compatible Garmin units.























MapSource software—contains detailed maps that you can load onto Garmin data cards, microSD cards, or SD™ cards; or you can load directly to compatible Garmin units. This offers more flexibility in choosing specific maps within a coverage area.

For information about purchasing BlueChart cards, see [page 16](#) of this guide.

For information about transferring MapSource maps to a card or a Garmin unit, see the MapSource Help file.

Understanding BlueChart Data

BlueChart electronic charts use graphic symbols to denote map features. Some common symbols you might see include, but are not limited to, the following:

	Airport/Seaplane Base		Dangerous Rock		Pilot Boarding Area
	Anchorage Berth		Explosive		Precautionary Area
	Anchoring Prohibited		Exposed Rock		Radio Report Point
	Beacon		Exposed Wreck		Recommended Anchorage
	Building		Fishing Harbor		Rescue Station
	Buoy		Fishing Prohibited		Tide Station
	Church		Information		Yacht Harbor
			Marina Information		

Other features common to most BlueChart data include:

- Depth contour lines (with deep water represented in white)
- Inter-tidal zones (displayed in green on color units)
- Spot soundings, as depicted on the original paper chart
- Navigational aids and symbols
- Obstructions and cable areas

For more information about nautical chart symbols in the United States of America, see *Chart No. 1 Nautical Chart Symbols Abbreviations and Terms* at <http://www.noaa.com>.

GETTING STARTED

Installing a BlueChart Card

Look for a compartment door or rubber weather cap on the bottom of your Garmin unit. Beneath that door is a slot for the BlueChart card.



To insert the card, place the card into the slot (connector end first) with the label facing toward the front of the Garmin unit. When the card is in place, close the compartment door, or reinsert the rubber weather cap. See your Garmin unit owner's manual for specific card installation instructions.

CAUTION: Insert the connector end of the card into the card slot. Improper installation can result in damage to your Garmin unit and can void your warranty.

Installing MapSource BlueChart Software

With MapSource software, you can view color maps on a PC. You can also create waypoints, routes, and map sets to transfer to your Garmin unit. MapSource BlueChart data is in locked regions within each of the three coverage areas (Americas, Atlantic, and Pacific). When you unlock a region, you can select the individual charts that you want to use.

Refer to the MapSource BlueChart software for installation instructions.

Refer to [page 9](#) for information about using MapSource BlueChart software.

BlueChart Card Caution and Unlock Disclaimer

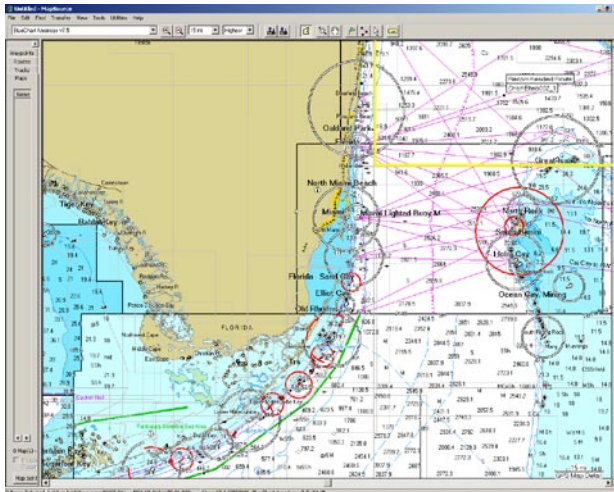
CAUTION: Do not use preprogrammed BlueChart cards for saving MapSource maps. The preprogrammed data will be lost. Remove any BlueChart cards in your Garmin unit before transferring MapSource maps to the unit to avoid losing the preprogrammed data. If you overwrite the preprogrammed data on a BlueChart card, Garmin will not replace or recover the lost data.

DISCLAIMER: Your MapSource unlock code is valid for use with your own Garmin unit. You must have a separate unique unlock code for each Garmin unit. If you own more than one Garmin unit or upgrade to a new Garmin unit, you must have a separate code for each Garmin unit. If you personally own two Garmin units, you may obtain a second unlock code for the same region for your own personal use at no additional charge. Simply repeat the unlock process for the second unit. No more than two Garmin units may be unlocked with the purchase of a single unlock code. You must purchase a new unlock code if you have already unlocked two Garmin units. Information about obtaining additional unlock codes can be found at: <http://www.garmin.com/unlock/>. This agreement provides a one-user license and it is illegal to share this data with others. Garmin does not give refunds or exchanges for MapSource unlock codes.

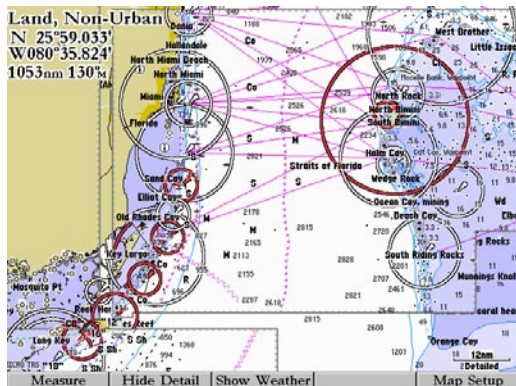
USING BLUECHART

Viewing BlueChart Information

The details and symbols in BlueChart cartography are almost identical whether you are looking at MapSource data on your PC screen or directly on your Garmin unit.



Viewing MapSource BlueChart on a PC



Viewing BlueChart on a Garmin Unit (GPSMAP 3006)

Getting Additional Object Information

For many objects that you see on a BlueChart map, you can access additional information about that object.

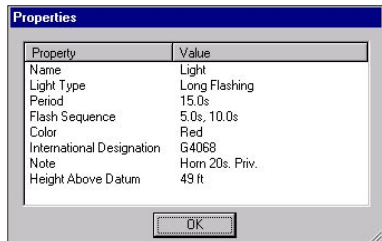
To get additional information when using a Garmin unit:

Place the unit's cursor on an object, and press **ENTER**. A window appears with additional information for the selected object.



To get additional information when using MapSource on a PC:

1. Move the mouse cursor onto a map object. The map object name appears in a white box.
2. With the selection tool (press **S** on the keyboard), and click the right mouse button on an object. If more than one object is at a given map location, a list of map object names appears first.
3. Select an object, and then select the **Feature Properties** option. A Properties window appears.

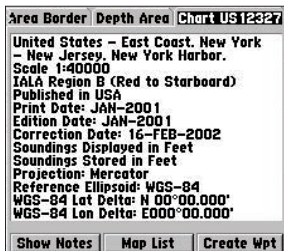


Getting Paper-Chart-Specific Information

BlueChart cartography also provides paper-chart-specific information, such as chart publisher, print date, edition date, NTM (Notice to Mariners) correction date, and scale. Additional notes are available for the paper charts.

To display paper chart-specific information on your Garmin unit:

Place the unit's cursor on an open area of the chart, and press **ENTER**. A window displays the chart information and allows you to view additional notes about the chart area.



BlueChart electronic map detail is presented on a chart-by-chart basis. By providing paper chart-specific information, you can know exactly from which chart and scale each displayed feature is digitized. BlueChart electronic charts are a faithful reproduction of the published official paper charts that mariners are required to carry.

BlueChart data is not seamless. Just like the paper charts from which the data is derived, you might observe some discontinuity along chart borders, both on your Garmin unit and on your PC screen in MapSource. For example, if a contour is present on one chart, and not on the adjacent chart, the BlueChart data is represented on your Garmin unit or PC screen the same way. Likewise, if adjacent paper charts that generate BlueChart data are of different scales, you might encounter shaded areas on the Garmin unit. This can occur at any zoom level and can be easily remedied by zooming out one or two scale levels on the Garmin unit.